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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/722,383	11/25/2003	Matti Salmi	915-005.086	4623

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EXAMINER

BASEHOAR, ADAM L

ART UNIT	PAPER NUMBER
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2178

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/722,383	Applicant(s) SALMI ET AL.	
	Examiner Adam L. Basehoar	Art Unit 2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>11/25/03</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This action is responsive to communications: The Application filed 11/25/03.
2. Claims 1-32 are pending in the case. Claims 1, 11, 22, 28, 29, and 31 are independent claims.

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted on 11/25/03 has been considered by the examiner.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claim 31 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The term "charged" in claim 31 is a relative term which renders the claim indefinite. The term "charged" is not defined by the claim, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably appraised of the scope of the invention. The Examiner will be giving the term "charged" the broadest reasonable interpretation as either being associated with some sort of cost or as giving some sort of custody of the printed presentation from the sender to the recipient.
6. Claim 31 recites the limitation "the recipient" on line 28 of the page. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 101

7. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

8. Claims 28 and 29 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claims 28 and 29 claim a device module and computer program product respectively, which are considered to be merely software and thus non-statutory for not being tangibly embodied. The claims should be amended such that the module and program product are embodied on an appropriate computer readable medium and accompanied with the necessary hardware to generate a tangible result.

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

10. Claims 1-32 are rejected under 35 U.S.C. 102(e) as being anticipated by Furon et al (US-2006/0052118 03/09/06).

-In regard to independent claims 1, 11, 22, 28, 29 and dependent claim 30,
Furon teaches a device, method, system, and computer program product, for printing an electronic presentation, the method comprising steps for processing a presentation data

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(Paragraph 28: i.e. “multimedia messages”; Paragraph 34: “selected messages 21, 23, 24 make up for example a story...successively in time”), wherein the method comprises steps for forming at least one printable output from said electronic presentation (Paragraph 40: “a printer 16 produces the composite multimedia message”)(Fig. 1: 16; “printer”) that comprises multiple events (Paragraph 28: “digital image, the text associated with said image and a sound or audio message”; Paragraph 31: “still or animated (video clip)”), by defining a temporal aspect of said events (Paragraph 34: “sequential analysis”; Paragraph 37: “relational analysis”), whereby the printable output is formed based on said temporal aspect (Paragraph 40: “automatically lays out....transformed multimedia message” & “according to messages 38, 39, 40,.....as balloons”)(Fig. 4).

-In regard to dependent claims 2 and 12, Furon teaches a step for defining a temporal aspect by an onset of each event in the presentation (Paragraph 34: “selected messages 21, 23, 24 make up for example a story...successively in time” & “sequential analysis”; Paragraph 37: “relational analysis”).

-In regard to dependent claims 3, 13, and 25, Furon teaches wherein from one to, in maximum, as many printable outputs are formed as there are printable events in the presentation (Paragraph 40: “automatically lays out, on at least one page having a given format, the composite multimedia message” & “to perform a printing request....printing sheets less than or equal to the number...advantageously made”)(Fig. 4).

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-In regard to dependent claims 4 and 14, Furon teaches wherein one or more events are located in layout locations of the presentation (Paragraph 35: i.e. “semantic analysis”; Paragraph 37: i.e. “relational analysis”; Paragraph 40: “according to messages 38, 39, 40,.....as balloons”)(Fig. 4: e.g. 38, 39, 40 and 46, 47, 48).

-In regard to dependent claims 5, 15, 23, Furon teaches steps for studying a spatial aspect of each event by defining the layout location of each event (Paragraph 35: i.e. “semantic analysis”; Paragraph 37: i.e. “relational analysis”).

-In regard to dependent claims 6, 16, and 24, Furon teaches steps for combining events into single output, if their layout locations differ from another (Paragraph 18: “layout if performed on one ore more pages”; Paragraph 40: “automatically lays out....six selected multimedia messages”)(Fig. 4), and otherwise keeping them on separated outputs (Paragraph 40: “When the composite....display per page”).

-In regard to dependent claim 7, Furon teaches wherein the combined output is printed on a same printout, whereas the separated outputs are printed on their own printouts (Paragraph 18: “layout performed on one or more page”; Paragraph 40: “The invention process thus enables...printing paper are thus advantageously made”).

-In regard to dependent claims 8 and 17, Furon teaches wherein the presentation is a multimedia message and an event is an appearance of a media object of

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one of the following group: editable text, non-editable text, image, animation, video, streaming video, audio converted to image or to text (Paragraph 28: “digital image, the text associated with said image and a sound or audio message”; Paragraph 31: “still or animated (video clip)”).

-In regard to dependent claims 9, 21, and 27, Furon teaches wherein the printout was printed to a hard copy (Paragraph 29: “the printer 16 for example.....etc)(Fig. 1: 16).

-In regard to dependent claim 10, Furon teaches wherein the printable output forms a slide of a slide presentation (Fig. 4).

-In regard to dependent claims 18 and 26, Furon teaches means for communication through a wireless telecommunications network (Paragraph 29: “mobile terminal.....for example GSM”)(Fig. 1).

-In regard to dependent claim 19, Furon teaches further comprising a camera (Paragraph 29: “cellphone equipped with a camera”).

-In regard to dependent claim 20, Furon teaches comprising means for displaying the presentation (Fig. 1: 18A: “display screen”; 16: “printer”).

-In regard to independent claim 31, Furon teaches a method for delivering a printout of an electronic presentation (Paragraph 40: “a printer 16 produces the composite multimedia message”)(Fig. 1: 16; “printer”), comprising steps for acquiring a presentation data from a sending device via wireless network (Paragraph 29: “terminal 12...server 14.... image database 15....printer 16....gateway 13...Wireless Application Protocol”)(Fig. 1), wherein the method comprises steps for forming at least one printable output (Paragraph 40: “a printer 16 produces the composite multimedia message”)(Fig. 1: 16; “printer”) from said electronic presentation (Paragraph 28: i.e. “multimedia messages”; Paragraph 34: “selected messages 21, 23, 24 make up for example a story...successively in time”) that comprises multiple events (Paragraph 28: “digital image, the text associated with said image and a sound or audio message”; Paragraph 31: “still or animated (video clip)”), by defining a temporal aspect of events (Paragraph 34: “sequential analysis”; Paragraph 37: “relational analysis”), whereby the forming of a printable output is based on said temporal aspect (Paragraph 40: “automatically lays out....transformed multimedia message” & “according to messages 38, 39, 40,.....as balloons”)(Fig. 4), and step for printing said printable output (Paragraph 40: “printer 16 produces the composite multimedia message”), wherein the printout of the electronic presentation is delivered to the recipient and charged from the sender (Paragraph 18: “also the printing cost to be reduced...is selected”; Paragraph 29: “the server 14 communicates...with the printer....processing laboratories”; Paragraph 40: “perform a printing request...savings of printing paper are thus advantageously made”).

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-In regard to dependent claim 32, Furon teaches wherein the printout is in one of the following forms: a varying sized paper, a postcard, a fax, a photograph (Paragraph 29: "the printer 16 for example.....etc).

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

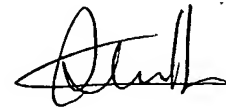
US-2006/0168619	07-2006	Reams, David Anthony
US-2005/0091574	04-2005	Maaniitty et al.
US-2004/0252332	12/16/04	McCoog et al.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adam L. Basehoar whose telephone number is (571)-272-4121. The examiner can normally be reached on M-F: 7:00am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steve Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



ALB

STEPHEN HONG
PATENT EXAMINER